

ENVIRONMENTAL DOCUMENT

Module 4

Part 1, Ch 5 (Type 2 CE), Ch 6 (EA), Ch 7 (FONSI), Ch 8 (DEIS), Ch 9 (FEIS)

Acronyms

- LDCA – Location Design Concept Acceptance
- NOI – Notice of Intent
- DEIS – Draft Environmental Impact Statement
- FEIS – Final Environmental Impact Statement
- EA – Environmental Assessment
- FONSI – Finding of No Significant Impact
- DROD – Draft Record of Decision
- ROD – Record of Decision
- EPA – Environmental Protection Agency
- FR – Federal Register
- ETAT – Environmental Technical Advisory Team
- CEMO – Central Environmental Management Office

Project Development

- Project Development
 - ▣ Address and resolve ETAT commentary
 - ▣ Coordinate and Document the Project Development & Environment (PD&E) Studies and Reports
- Developing Engineering Alternatives
- Conducting Engineering Analysis

This Module will teach you ...

- Environmental Analysis
- The required environmental documentation
- Environment Document distribution and approval process
- Administrative Record keeping

Before your PD&E Study begins ...

- Review Final Programming Screening Summary Report to Identify:
 - ▣ Project Purpose and Need
 - ▣ Plan Consistencies (LRTP/TIP needed for LDCA)
 - ▣ Identified Environmental Issues and Concerns
 - ▣ Environmental Studies Required
 - ▣ Class of Action (Documentation)
 - ▣ Potential Permit types
 - ▣ Dispute resolution issues
 - ▣ Agency/ETAT comments

Federal Environmental Documents (Part 1, Chapter 2)

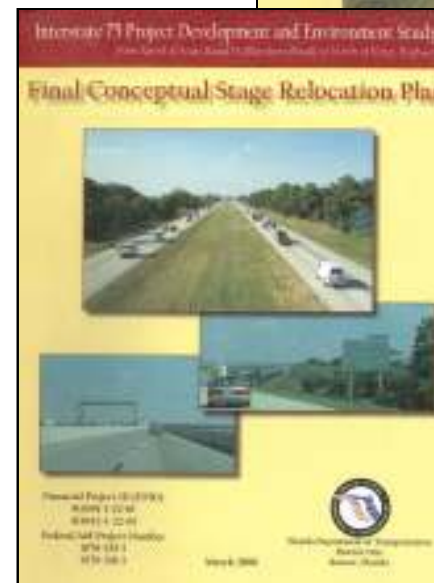
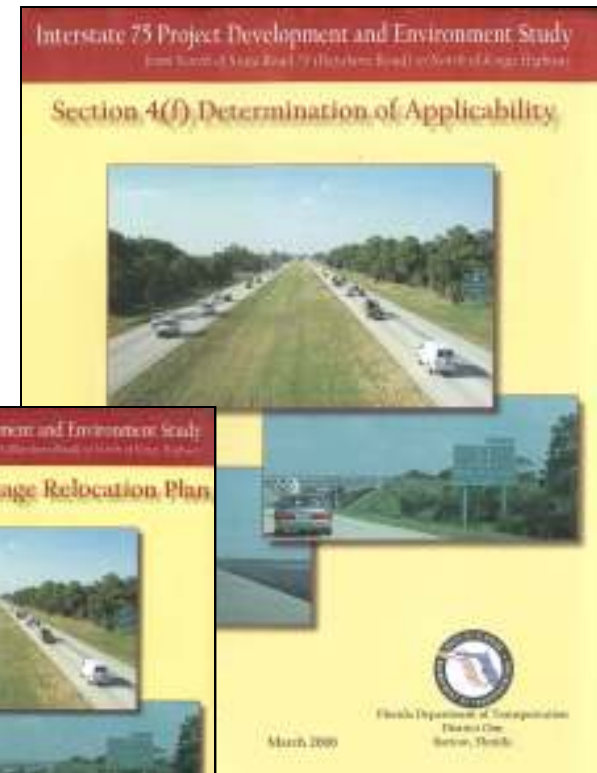
- FHWA Categorical Exclusions (CE)
 - ▣ Type 1
 - ▣ Programmatic
 - ▣ Type 2
- Environmental Assessments (EA)
- Environmental Impact Statements (EIS)
- Documents provide the actual impact determinations for the project resulting in advancing or further analysis

- Examine Environmental Impacts
 - Consider agency commentary (ETAT)
 - Impacts of proposed alternatives
 - Impacts of drainage (ponds)
 - Indirect and Cumulative Impacts (EAs and EISs)



PD&E Manual, Part 2

- Details Environmental Impacts
 - ▣ How to conduct analysis
 - ▣ Measuring impacts
 - ▣ How to complete technical reports
 - ▣ Guidance for consultation with resource agencies
 - ▣ Documentation
 - Final Environmental Document
 - Project Record



PD&E Manual, Part 2

- Social and Economic
 - ▣ Sociocultural Effects Evaluation (Chapter 9)
 - ▣ Social, economic, land use, aesthetics, relocation, mobility
 - ▣ Farmlands (Chapter 28)
 - ▣ Scenic Highways (Chapter 29)
- Cultural
 - ▣ Archeological and Historic Resources (Chapter 12)
 - ▣ Section 4(f) (Chapter 13)



PD&E Manual, Part 2

- Natural
 - ▣ Wetlands (Chapter 18)
 - ▣ Aquatic Preserves (Chapter 19)
 - ▣ Water Quality (Chapter 20)
 - ▣ Outstanding FL Waters (Chapter 21)
 - ▣ Wild and Scenic Rivers (Chapter 23)
 - ▣ Floodplains (Chapter 24)
 - ▣ Coastal Zone Consistency (Chapter 25)
 - ▣ Coastal Barrier Resources (Chapter 26)
 - ▣ Wildlife and Habitat (Chapter 27)
 - ▣ Essential Fish Habitat (Chapter 11)



PD&E Manual, Part 2

□ Physical

- ▣ Noise (Chapter 17)
- ▣ Air Quality (Chapter 16)
- ▣ Construction Impacts (Chapter 30)
- ▣ Contamination (Chapter 22)
- ▣ Aesthetics Effects (Chapter 15)
- ▣ Bicycle & Pedestrian (Chapter 14)
- ▣ Utilities & Railroads (Chapter 10)



Environmental Analysis and Documentation

- ☐ Compare Alternatives
- ☐ Environmental Documents
 - ☐ Type 2 CE documentation
 - ☐ Environmental Assessment (EA)
 - ☐ Environmental Impact Statement (EIS)
- ☐ Technical Reports
- ☐ Select Preferred, if more than one alternative

A Project Status Fact Sheet is to be sent if:

- ❑ 4 years after a project initiated and no environmental document approved for public availability
- ❑ Project termini have changed after PD&E has begun
- ❑ Project concepts have changed after PD&E has begun

Type 2 CEs



Type 2 CEs

- Categorical Exclusions that require additional documentation to show that there are no significant impacts
- Are not included in the Type 1 and Programmatic CE lists (described in Part 1, Chapter 2)
- Are screened through the EST or developed through the Minor Categorical Exclusion (MiCE) process
- COA determination requires consultation and approval from FHWA
- Are not required to have more than one alternative

Documentation for Type 2 CEs

- Type 2 CE documentation
 - Environmental analysis- Type 2 CE Determination Form
 - Engineering analysis- Preliminary Engineering Report (PER)
 - Public Hearing Transcript (if applicable)
- Technical reports
- Project File

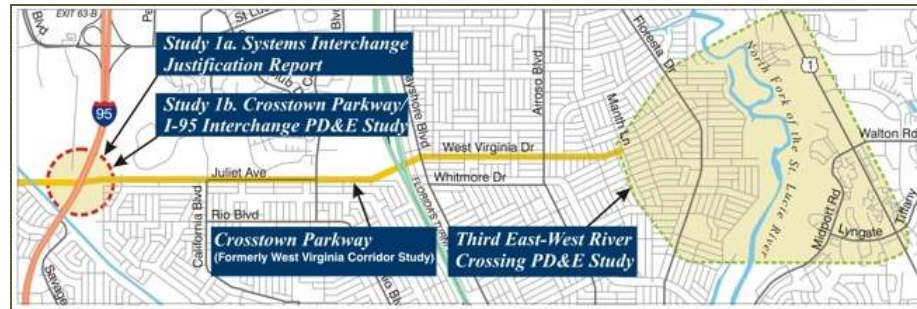
Type 2 CEs

- Public Involvement Program
- Project Development
- Document commitments that have been made
- Public Hearing (may be required)
 - ▣ No lead agency approval of document prior to public hearing
- FHWA approval = LDCA

Module
4

Environmental Document

Environmental Assessment (EA)



Documentation for Environmental Assessment (EA)

- ☐ Environmental Assessment Document
- ☐ Preliminary Engineering Report
- ☐ Technical Reports
- ☐ Public Hearing Transcript
- ☐ Consistency Form
- ☐ Project File

EA Document

- A concise document focused on relevant issues or resources where the significance of impacts is in questions
- Recommended to be less than 15 pages

EA Process

Section 6-2



Environmental Assessment – EA

Section 6-2

- Public Involvement Program
- Project Development
 - ▣ Engineering and Environmental Analyses
- Document commitments that have been made
- EA Document (and Technical Reports)
 - ▣ CEMO (Optional at District request)
 - ▣ FHWA/lead agency
 - ▣ Cooperating Agencies

EA Process

Section 6-2

FHWA/lead agency
approves EA for Public
Availability



Publish
Notice of Availability



Hold Public Hearing

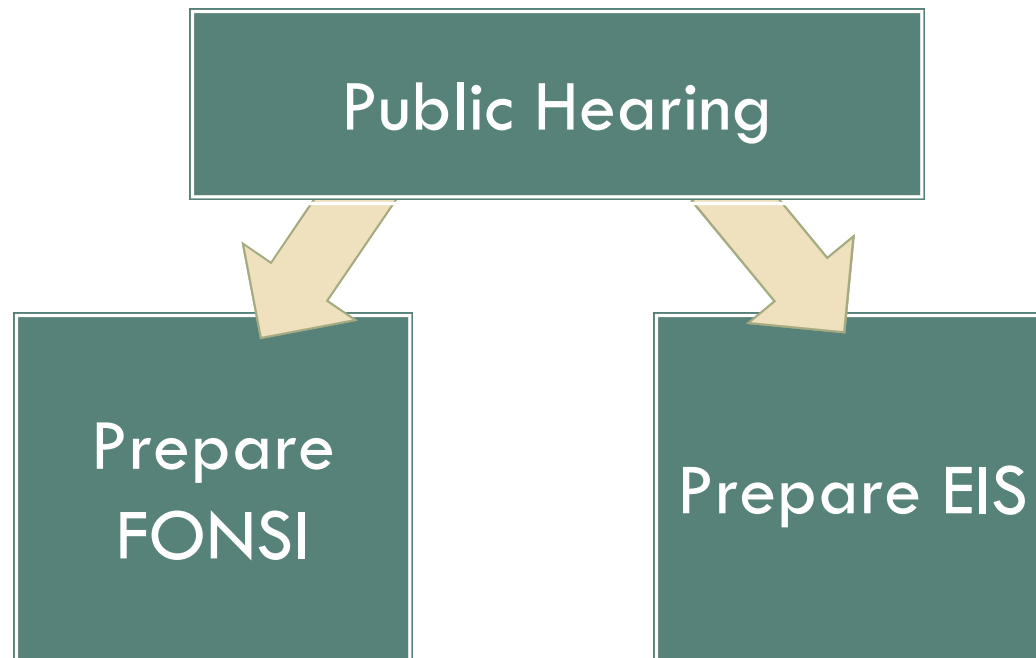
Environmental Assessment – EA (cont.)

Section 6-2

- FHWA Review (within 30 days)
 - ▣ Review with Comments
 - ▣ Statement - Not Ready
 - ▣ Approval of EA
- If approved, the District can
 - ▣ Upload in EST
 - ▣ Publish Notice of Availability in local paper(s) (21 days prior)
 - ▣ Hold a Public Hearing
 - ▣ Allow for Public Comment (30 days)

After the Public Hearing

Section 6-2



If No Significant Impacts Determined

Section 7-1

- Update EA information based on
 - ▣ Public and Agency comments
 - ▣ Coordination with lead agency
- Prepare Documents
 - ▣ Update the EA (based on the Public Hearing)
 - ▣ Write the FONSI
- Update Comments & Coordination
 - ▣ Summary of Meetings, Written & Verbal Responses and Major Issues
- Finalize Commitments and Recommendations section
 - ▣ Describe Recommended Alternative

EA with FONSI

Section 7-1

- Modified EA
- FONSI - Cover Page & Summary
- CEMO Optional Review
- FHWA Review
- Cooperating Agency Review
- Lead Approves EA with FONSI = LDCA
- Notify Public of LDCA
- Guidance on Limitations of Claims Notice
 - ▣ Now 150 days rather than 180 days

If Significant Impacts are Identified

- Modify project scope
- Look at other alternatives
- Don't do the project
- Lead Federal Agency elevates project to EIS
- EIS Process begins ...
 - ▣ Update EST
 - ▣ Change the COA

DRAFT ENVIRONMENTAL IMPACT STATEMENT (DEIS)

After Class of Action Approval

Section 8-1

- Prepare Notice of Intent (NOI)
- Forward to FHWA
 - ▣ FHWA to publish NOI in Federal Register
 - PD&E begins
- Prepare the DEIS document
- Develop Public Involvement Program
 - ▣ Public Involvement Chapter

Preparation of DEIS

- ❑ Scoping is required
- ❑ Focused on issues/resources with significant impacts
- ❑ Should rigorously explore and objectively evaluate all reasonable alternatives
- ❑ Preliminary Engineering Report is required

Preparation of DEIS

CONTENT ITEMS IN DRAFT ENVIRONMENTAL IMPACT STATEMENTS

TOPIC	STANDARD	OPTIONAL	CHAPTER (Part 2 of PD&E Manual)
COVER PAGE	X		2
TABLE OF CONTENTS	X		1
SUMMARY	X		3
PURPOSE AND NEED FOR ACTION	X		5
ALTERNATIVES INCLUDING PROPOSED ACTION	X		6
AFFECTED ENVIRONMENT	X		7
ENVIRONMENTAL CONSEQUENCES	X		8
Social and Economic Impacts	X		9
Sociocultural Effects Evaluation	X		9
(including social, economic, land use, aesthetics, relocation, and mobility)			
Utilities and Railroads		X	10
Cultural and Historical Resources			
Archaeological and Historical	X		12
Recreational / Parkland	X		13
Natural and Physical Impacts			
Pedestrian / Bicycle Facilities	X		14
Visual / Aesthetic	X		15
Air	X		16
Noise	X		17
Wetlands	X		18
Aquatic Preserves		X	19
Water Quality	X		20
Outstanding Florida Waters		X	21
Contamination	X		22
Wild and Scenic Rivers	X		23
Floodplains	X		24
Coastal Zone Consistency	X		25
Coastal Barrier Island Resources		X	26
Wildlife and Habitat	X		27
Essential Fish Habitat	X		11
Farmlands	X		28
Scenic Highways		X	29
Construction	X		30
Cumulative Impacts			

CONTENT ITEMS IN DRAFT ENVIRONMENTAL IMPACT STATEMENTS

COMMENTS AND COORDINATION	X	31
COMMITMENTS AND RECOMMENDATIONS	X	32
LIST OF PREPARERS	X	33
LIST OF AGENCIES, ORGANIZATIONS AND PERSONS TO WHOM COPIES OF THE STATEMENT ARE SENT	X	34
INDEX	X	35
APPENDICES	X	36

Internal DEIS Review Process

- District Quality Control Review
- CEMO Review
 - ▣ Package similar to what is sent to FHWA
 - ▣ 30-day review
 - ▣ Comments incorporated or addressed
 - ▣ May require more than one review

DEIS Review Process

- Distribute to:
 - ▣ FHWA
 - Consistency Form
 - Technical Reports
 - ▣ Cooperating agency
 - Applicable Technical Reports
- 30-day review period

FHWA Division Review

Section 8-2.6

- Sends for FHWA legal review (optional)
- Sends to Washington DC review (optional)
- FHWA Division Office Review Results:
 - ▣ Review with comments (will require additional review)
 - ▣ Statement that document is not ready for review
 - ▣ Approval of the document
- FHWA sends approved DEIS to District

FHWA-FL-EIS-03-02-D
Federal Highway Administration
Florida Division

**ADMINISTRATIVE ACTION
DRAFT ENVIRONMENTAL IMPACT STATEMENT
AND
DRAFT SECTION 4(f) EVALUATION**

**U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
AND
FLORIDA DEPARTMENT OF TRANSPORTATION**

**FEDERAL AID PROJECT NO: 0418(001)
FINANCIAL PROJECT ID: 230978 | 21 01**

**INDIAN STREET BRIDGE PD&E STUDY
New Bridge Crossing of the South Fork of the St. Lucie River
County Road 714(Martin Highway) / SW 36th Street / Indian Street
From Florida's Turnpike to east of Willoughby Boulevard**

MARTIN COUNTY, FLORIDA

Submitted Pursuant To 42 U.S.C. 4332(2) (c) And 49 U.S.C. 303 by the U.S. Department of Transportation, Federal Highway Administration and the Florida Department of Transportation, District 4, in Cooperation with the U.S. Army Corps of Engineers, U.S. Coast Guard, U.S. Department of Commerce – National Marine Fisheries Service, and U.S. Fish and Wildlife Service

9/23/03

Date



Donald E. Davis for
Division Administrator
Federal Highway Administration

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227 North Bronough Street, Suite 2015
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Facsimile: (850) 942-9691
james.mathews@fhwa.dot.gov

September 2003

Comments on this DEIS should be post-marked by December 1, 2003 and submitted to Steven C. Braun, P.E., at the address above.

DEIS Cover Page

After FHWA Approval

Section 8-2.4

- Upload DEIS to EST
- Transmit using the EST
- Publish notice of public availability in local newspaper
- File with EPA for publication of availability
 - ▣ **23 CFR 771.123**
 - ▣ 45 day comment period
 - ▣ New electronic submittal system

After Publication in FR

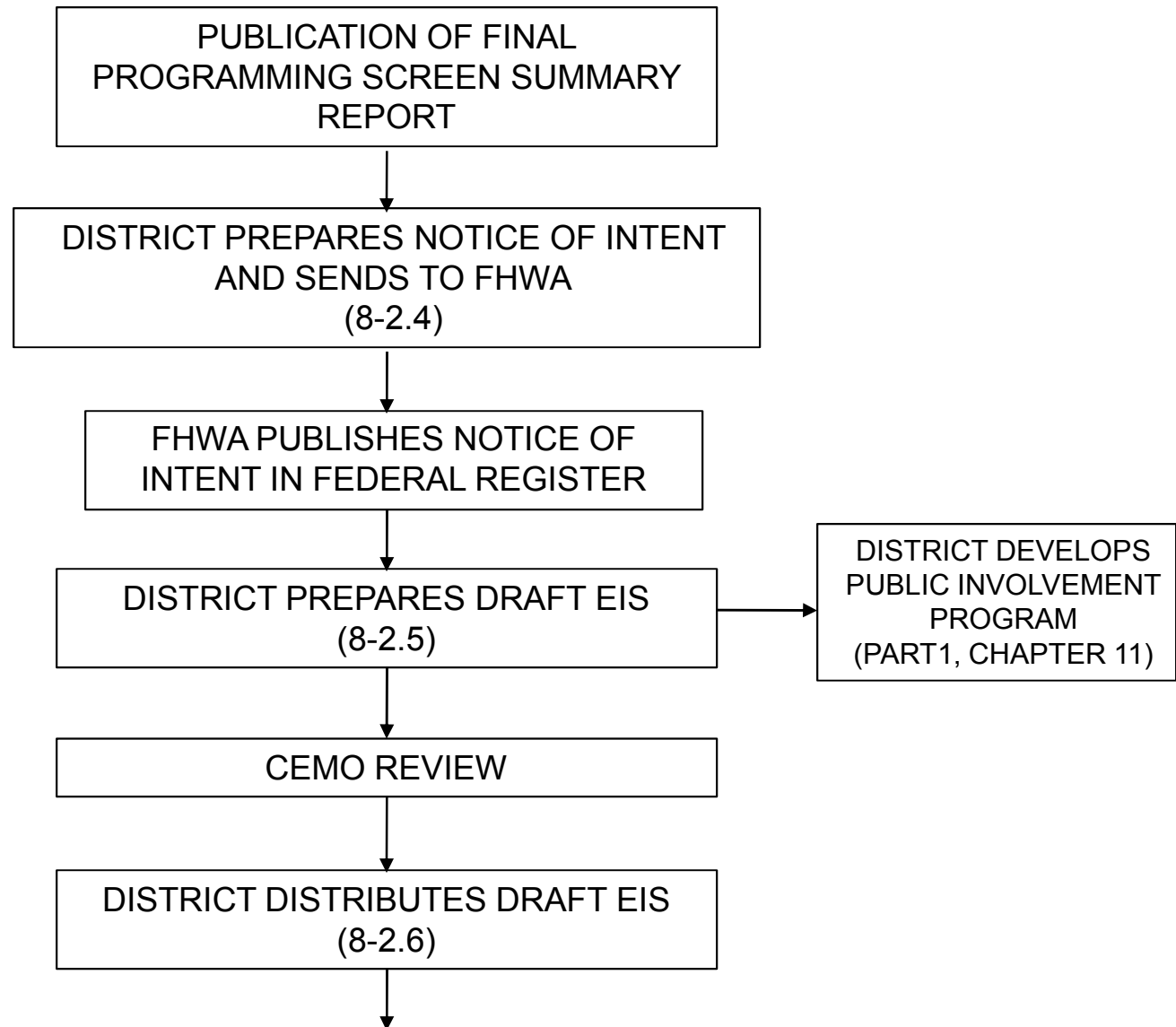
Section 8-2.4

- DEIS available for public review - 21 days prior to Public Hearing
- DEIS available at facilities listed in public hearing notice
- Public Hearing is held

EXERCISE

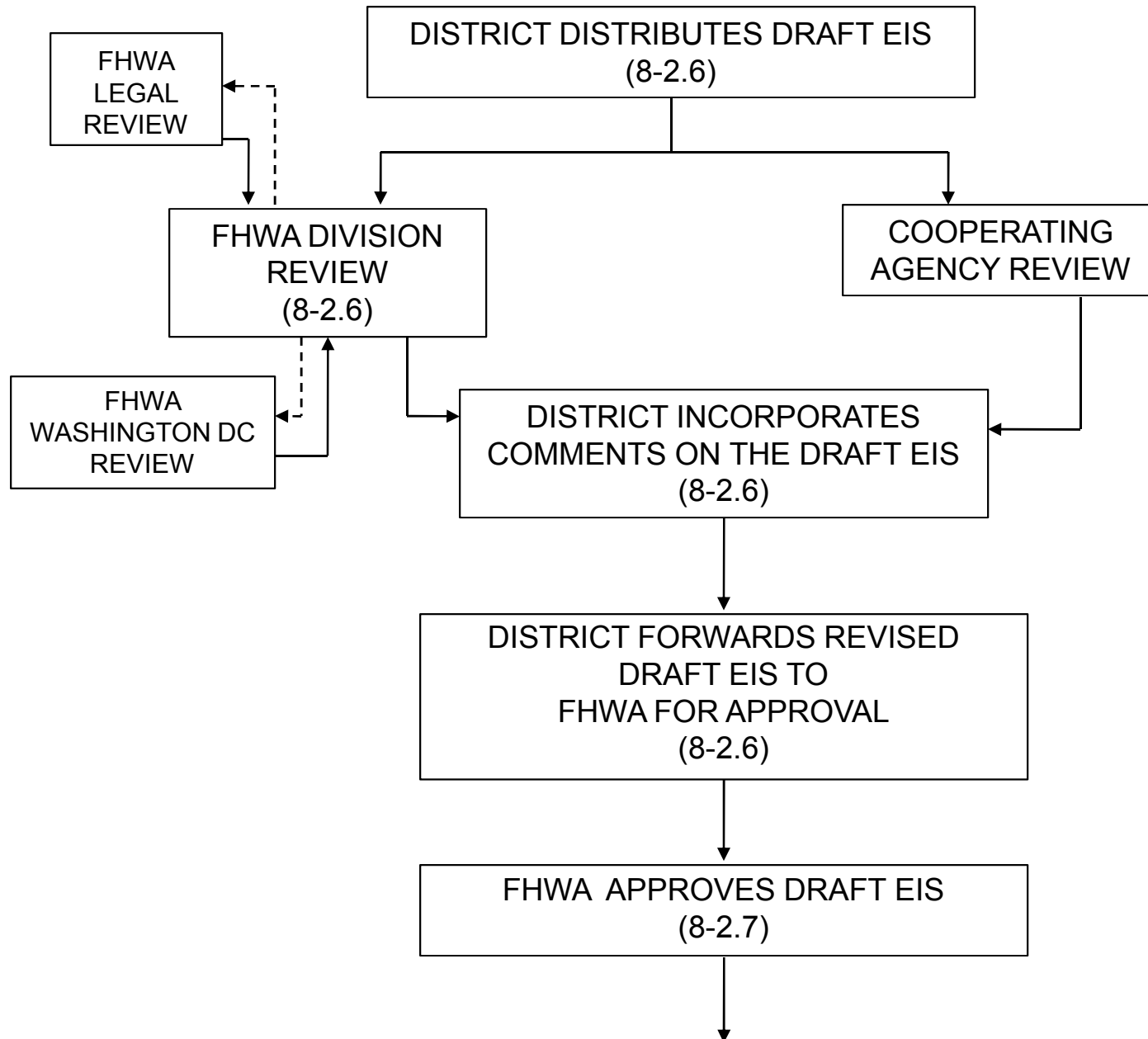
Module 4

Draft Environmental Impact Statement



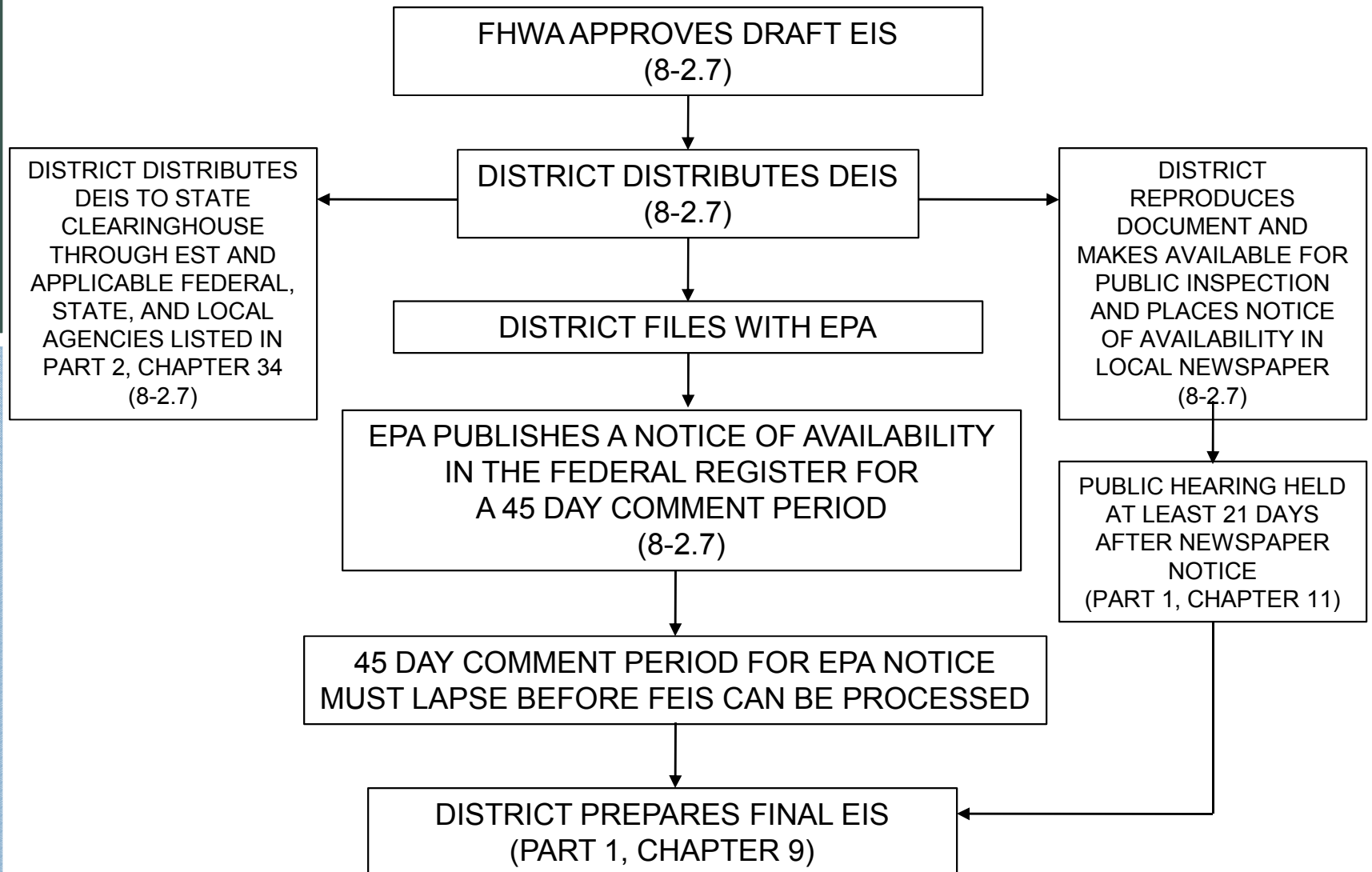
Module 4

Draft Environmental Impact Statement



Module 4

Draft Environmental Impact Statement



FINAL ENVIRONMENTAL IMPACT STATEMENT (FEIS)

Module 4

Part 1, Chapter 9

After Public Hearing

Section 9-2.1

- General public send in written comments
- Processing begins after public comment period of the DEIS (45 Days)
- Revise the DEIS
 - ▣ Outcome of public hearing
 - ▣ Issues raised
 - ▣ Changes to document
 - ▣ Department's response
 - ▣ Can the preferred alternative be defined?
 - Coordinate with lead agency

Document Update

Section 9-2.1

- Add or update Commitments and Recommendations section
 - ▣ Address all commitments
 - ▣ Describe alternative recommended for LDCA
 - ▣ Part 2, Chapter 32
- Update Comments and Coordination section
 - ▣ Summary of meetings
 - ▣ Summary of written responses to comments
 - ▣ Part 2, Chapter 31
- Modify to reflect changes
- Revise summary

FEIS Internal Review Process

- District Quality Control Review
- CEMO Review
 - ▣ Package similar to what is sent to FHWA
 - ▣ 30-day review
 - ▣ Comments incorporated or addressed
 - ▣ May require more than one review

FHWA Review

- Submit to FHWA and Cooperating Agencies
 - ▣ FEIS
 - ▣ Consistency Form
 - ▣ Technical reports
 - ▣ Public hearing transcript
 - ▣ Preliminary Engineering Report
 - ▣ Draft Record of Decision

FHWA Review

Section 9-2.2

- FHWA Division Office Provides
 - ▣ Review with comments (will require additional review)
 - ▣ Statement that document is not ready for review
 - ▣ Prepare Draft Record of Decision (DROD)
 - Sample Draft ROD
 - Figure 9.6
 - Forward FEIS to legal for sufficiency review
- Division Administrator Adopts FEIS

After FHWA Approval

Section 9-2.3

- ❑ Approved copy of FEIS is sent to the District
- ❑ Complete cover page
- ❑ Upload FEIS to EST
- ❑ Transmit document through the EST
- ❑ Transmit document to interested parties
- ❑ Publish notice of availability in local newspaper
- ❑ File electronically with EPA for publication in the FR for public availability

After Publication in FR

Section 9-2.3

- Thirty (30) day review period
- FHWA Division Office signs the ROD
 - ▣ Approval grants Location and Design Concept Acceptance (LDCA)
- FHWA sends copy of ROD to District
- District forwards the transmittal letter to Federal Aid Office

Upon Receipt of LDCA

Section 9-2.3 and 9-2.4

- Publish notice in a local newspaper
 - ▣ Public Involvement Chapter
- Interim Guidance on Limitation of Claims Notice
 - ▣ Now 150 days rather than 180 days
- Reevaluation
 - ▣ In accordance with **23 CFR 771**
 - Part 1, Chapter 13

MAP-21 Changes

- Sec. 1319, Allows for the combining of the FEIS and ROD under certain conditions
 - ▣ If no substantive comments on DEIS after Public Hearing
 - ▣ No substantive change to the document are needed
 - ▣ Can save up to 30 days